



IRD283U RFID Desktop Reader

High Performance & Accuracy

Multi-OS Compatibility

USB Connectivity

SDK & API Support

Versatile Applications

The IRD283U is a high-performance UHF RFID desktop reader designed for fast and precise transceiver operations, ensuring seamless and accurate RFID tag reading and writing. Engineered for effortless integration, it seamlessly connects with retail POS systems, logistics and inventory management, access control, anti-counterfeiting EAS solutions, and asset tracking, making it a versatile solution for RFID-driven applications. Featuring a USB communication interface, it is fully compatible with Windows, Linux, and Android, providing reliable, high-speed connectivity for various operational environments. The IRD283U supports comprehensive RFID tag management, including reading, writing, activation, deactivation, enrollment, and decommissioning, ensuring efficient lifecycle control of RFID tags. Additionally, it offers SDK and API support, enabling continuous development, customization, and seamless integration with third-party applications, making it an indispensable tool for businesses seeking scalability and enhanced automation in their RFID operations.

Specifications

Protocol	EPC global UHF Class 1 Gen2、ISO 18000-6C
Working Frequency	865~928MHz
RF Threshold Power	Max 30dBm
Near Field Gain	3 dBi
Working Current	80mA(Static)180mA(Dynamic)
Reading Distance	<20cm
Writing Distance	<10cm
Relative Humidity	0~90%
Ambient Temperature	-10°C to +80°C
Connection Port	USB
USB Cable Length	1.8 meters
Color	Black
Weight	0.8 kg
Mechanical Dimensions	260mm (H) × 200mm (W) × 18mm (D)